



KC
5A112004001
12/18/13
1mm

November 22, 2013

California Regional Water Quality Control Board
Central Valley Region
364 Knollcrest Drive, Suite 205
Redding, CA 96002

RE: Facility ID 5A112004001, Order R5-2007-0043, Pond #1 and Flow data for October 2013

Attn: Waste Water Manager:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

There was no discharge to surface waters, namely Walker Creek, during the month of October 2013.

Currently, liquid waste is being discharged into Pond 1, directly east of the plant, and Pond 5, north of Road 39, in order to ease the burden on Pond 1. Wastewater discharged into Pond 5 evaporates without pooling. No liquid waste is being discharged into Ponds 6-7, north of road 39.

Enclosed are monthly wastewater results for discharge ponds 1-3. Our conductivity and pH meter malfunctioned during use, so we do not have results in for those items. We are looking into either repair of our current meter or replacement. While Pond DO in #1 is below acceptable limits for part of the month, the odor monitoring results concluded that there were some noted days of perceivable bad-odors near the ponds, but not beyond the boundaries of SNCC. Ponds #2 & 3 DOs were in compliant range. Process and cooling water flow results are included as well.

Sincerely,

Ben Gregersen
Owner

Sierra Nevada Cheese Company

Order R5-2007-0043

Month/Year: October 2013

| <i>Pond 1</i> | | | | | | | |
|------------------|--------------|--------|--------|--------|--------|--------|-----------------|
| Parameter | Units | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Permit Limit |
| Freeboard | 0.01 feet | x | x | x | x | x | 2.0 |
| Berm Seepage | Observations | 0 | 0 | 0 | 0 | x | |
| Odors | Observations | 3 | 3 | 3 | 4 | x | worst, 5: best) |
| Dissolved Oxygen | mg/L | <1 | <1 | <1 | <1 | x | 1.0 |

| <i>Pond 2</i> | | | | | | | |
|------------------|--------------|--------|--------|--------|--------|--------|-----------------|
| Parameter | Units | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Permit Limit |
| Freeboard | 0.01 feet | x | x | x | x | x | 2.0 |
| Berm Seepage | Observations | 0 | 0 | 0 | 0 | x | |
| Odors | Observations | 3 | 3 | 3 | 4 | x | worst, 5: best) |
| Dissolved Oxygen | mg/L | 2.14 | 2.05 | 2.28 | 2.65 | x | 1.0 |

| <i>Pond 3</i> | | | | | | | |
|------------------|--------------|--------|--------|--------|--------|--------|-----------------|
| Parameter | Units | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Permit Limit |
| Freeboard | 0.01 feet | x | x | x | x | x | 2.0 |
| Berm Seepage | Observations | 0 | 0 | 0 | 0 | x | |
| Odors | Observations | 3 | 3 | 3 | 4 | x | worst, 5: best) |
| Dissolved Oxygen | mg/L | 5.75 | 5.81 | 5.87 | 6.04 | x | 1.0 |

| <i>Monthly Monitoring of Pond 1</i> | | |
|-------------------------------------|----------|-------------|
| Parameter | Units | Date: Oct 9 |
| pH | pH units | x |
| Electrical Conductivity | umhos/cm | x |
| BOD | mg/L | 1400 |
| Ammonia | mg/L | 142 |
| Kjeldahl Nitrogen | mg/L | 295 |
| Nitrate as N | mg/L | 0.37 |
| Total Dissolved Solids | mg/L | 1910 |
| Fixed Dissolved Solids | mg/L | 1330 |
| Arsenic | ug/L | 3.4 |
| Calcium | mg/L | 149 |
| Chloride | mg/L | 443 |
| Iron | ug/L | 3250 |
| Magnesium | mg/L | 53.5 |
| Manganese | ug/L | 48.8 |
| Potassium | mg/L | 214 |
| Sodium | mg/L | 324 |
| Sulfate | mg/L | 4.39 |
| Total Alkalinity | mg/L | 1400 |
| Bicarbonate | mg/L | 1720 |
| Carbonate | mg/L | <10 |
| Hardness | mg/L | 539 |

Conductivity/pH meter malfunctioned this month. We have looked into repair and replacement and will hopefully have it functioning by December.

Please note that Freeboard is not present although there is no risk of berm runover. Freeboard is rotted and needs to be replaced.

Sierra Nevada Cheese Company

Order R5-2007-0043

Month/Year: October 2013

| Date | Process Water (gal/day) | Non-Contact Cooling Water (gal/day) |
|---------------|-------------------------------------|--|
| gpd | 7061 | 21440 |
| gpm | 153085 | 471680 |
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |
| 11 | | |
| 12 | | |
| 13 | | |
| 14 | | |
| 15 | | |
| 16 | | |
| 17 | | |
| 18 | | |
| 19 | | |
| 20 | | |
| 21 | | |
| 22 | | |
| 23 | | |
| 24 | | |
| 25 | | |
| 26 | | |
| 27 | | |
| 28 | | |
| 29 | | |
| 30 | | |
| 31 | | |
| Maximum | 0 | 0 |
| Permit Limit: | 8,000 gal/day monthly average | -- |

| Leachfield Monitoring | |
|-----------------------|--|
| Jan | |
| Feb | |
| Mar | |
| Apr | |
| May | |
| Jun | |
| Jul | |
| Aug | |
| Sep | |
| Oct | No presence of seeps, erosion, saturation, ponding |
| Nov | |
| Dec | |

| Solids Monitoring | | | | |
|-------------------|------------|----------|-------------------|-----------------|
| | Waste Type | Quantity | Disposal Location | Disposal Method |
| 1st Quarter | | | | |
| 2nd Quarter | | | | |
| 3rd Quarter | | | | |
| 4th Quarter | none | 0 | na | na |